

CLAIMS

1. DNA coded with a transcription repressing factor including:

(A) DNA coded with a protein having an amino acid sequence indicated in Sequence No. 2; or

(B) DNA consisting of a base sequence indicated in Sequence No. 1.

2. DNA coded with a transcription repressing factor including:

(A) DNA coded with a protein having such an amino acid sequence that one or plural amino acids are substituted with, deleted from, inserted into and/or added to an amino acid sequence indicated in Sequence No. 2; or

(B) DNA hybridized with DNA consisting of a base sequence indicated in Sequence No. 1 under stringent conditions.

3. The transcription repressing factor coded with DNA as set forth in Claim 1 or 2.

4. The transcription repressing factor as set forth in Claim 3 wherein transcription ascribed to a nuclear hormone receptor is repressable.

5. DNA coded with a peptide capable of activating transcription including:

(A) DNA coded with a peptide consisting of an amino acid sequence from position 1 to 179 in Sequence No. 2;
or

(B) DNA consisting of a base sequence of from 1 to 537 bases in Sequence No. 1.

6. DNA coded with a peptide capable of activating transcription including:

(A) DNA coded with a peptide having such an amino acid sequence that one or plural amino acids are substituted with, deleted from, inserted into and/or added to an amino acid sequence position 1 to 179 in Sequence No. 2; or

(B) DNA hybridized with DNA consisting of a base sequence position 1 to 537 bases in Sequence No. 1 under stringent conditions.

7. The transcription activation peptide coded with the DNA as set forth in Claim 5 or 6.

8. DNA selected from the DNAs as set forth in any one of Claim 1, 2, 5 or 6 and having at least 15 nucleotide length.

9. A vector inserted with the DNA as set forth in any one of Claims 1, 2, 5 or 6.

10. A host cell holding the DNA as set forth in any one of Claims 1, 2, 5 or 6, or the vector as set forth in

Claim 9.

11. An antibody capable of binding with the factor as set forth in Claim 3 or the peptide as set forth in Claim 7.

12. An oligonucleotide probe hybridized with the DNA as set forth in any one of Claims 1, 2, 5 or 6 and having at least 10 nucleotide length.

13. A substrate fixed with any one of the following (A) to (D):

(A) the oligonucleotide probe as set forth in Claim 12;

(B) the transcription repressing factor as set forth in Claim 3 or 4, or a partial peptide of said factor;

(C) the transcription activating factor as set forth in Claim 3 or 4, or a partial peptide of said factor; and

(D) the antibody as set forth in Claim 11.